Sharkoon

T5

Manual

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Dear customer!
Congratulations for purchasing one premium quality SHARKOON product.
For a long life time and to take full advantage of this product we recommend you to read this manual completely.

Have a good time with our product!
SHARKOON Technologies GmbH

1. Features

- ATX case
- 5x 5.25" drive bays (external)
- 5x 3.5" bays for HDDs (internal)
- Front I/O with 4x USB2.0, 1x headphone and 1x microphone connector
- 7 slots for add-on cards
- Mesh front panel
- Quick fasteners for optical drives and HDDs, mainboard mounting panel with installation opening for coolers
- Special mounting frame for 2.5" and 3.5" HDDs/SSDs
- 2 openings for water cooling
- Cable management system
- Fan configuration:

Case front	1x 120 mm fan with LED as well as 3-pin and 4-pin connector (blue/pre-installed)
Side panel	2x 120 mm fan (optional)
Back side	1x 80 mm or 1x 120 mm fan (optional)

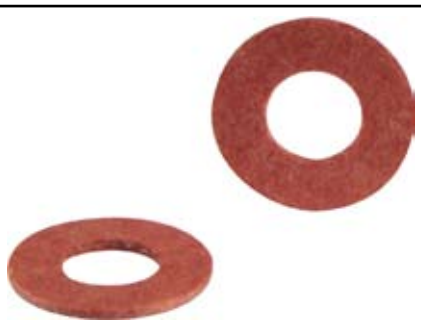
- Dimensions: 475 x 200 x 440 mm (L x W x H)
- Weight: ~6 kg

2. Package content

- PC case “T5” (1x 120 mm LED fan in the case front pre-installed)
- Screw kit:

Screws for mainboard mounting	Screws for PSU mounting	Screws for drive mounting (3.5" and 5.25")	Screws for HDD fixation

- Accessory kit:

		
Stand-offs for mainboard	Washers	Lock attachment (A) and speaker (B)

Mounting rails for HDDs	Quick fasteners for ODDs	Mounting frame for 2.5" and 3.5" HDDs/SSDs

Mounting angles for 3.5" devices	5.25" bezel with 3.5" opening

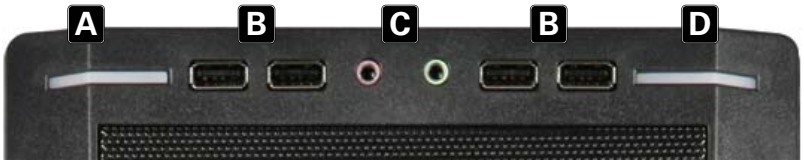
Note:
If you are missing any of the items listed above, please contact our customer service immediately:
support@sharkoon.com (Germany and Europe)
support@sharkoon.com.tw (international).

3. The case at a glance

Front view

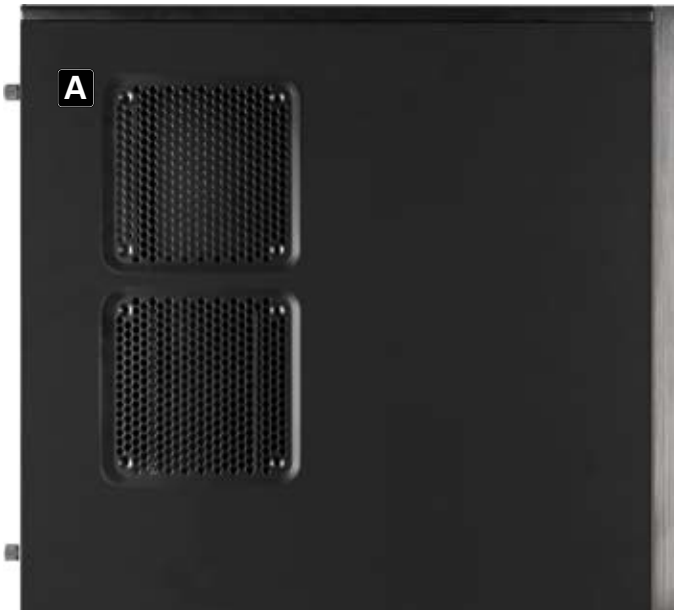
A – Front I/O
B – 5.25" drive bays
C – Air inlet, covered: pre-installed 120 mm LED fan (blue)

Front I/O



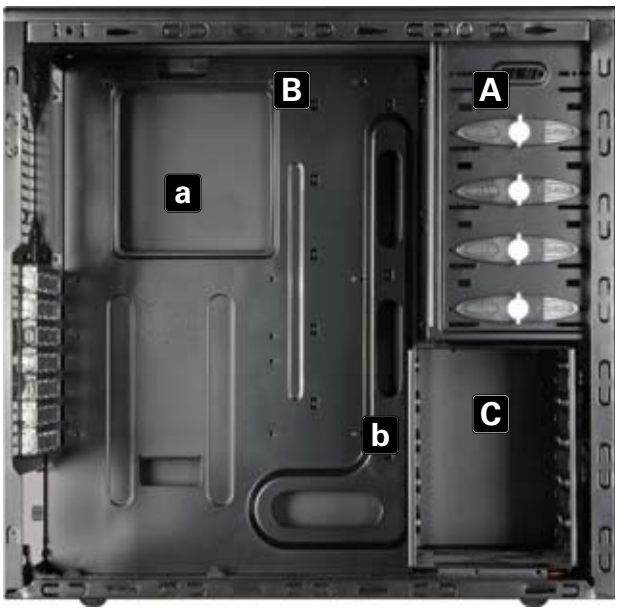
A – LED (power)
B – 4x USB2.0
C – 2x audio
D – LED (power and HDD acticity)

Side view (closed/left)



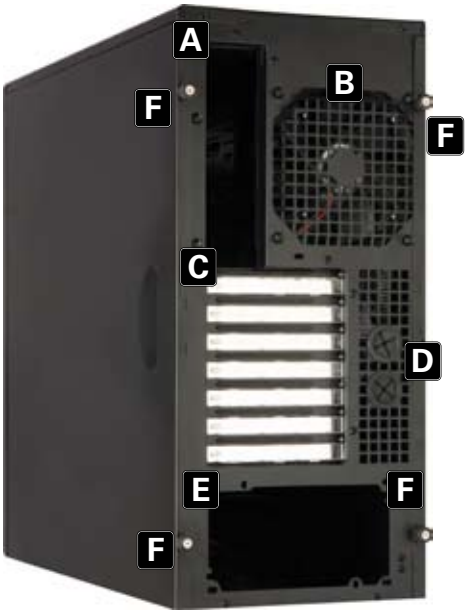
A – Brackets for two 120mm fans

Side view (opened/left)



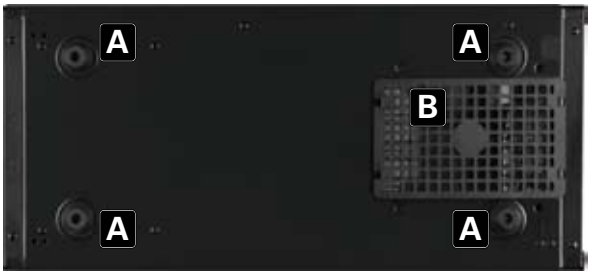
A – Drive bays for 5.25" devices
B – Mainboard mounting panel with:
  a – Installation opening for CPU coolers and
  b – Cable management system
C – HDD cage (screwed in)

Back side view



A – Opening for I/O shield
B – Fan bracket
C – Slot bezels
D – Openings for water cooling
E – PSU bracket
F – Thumb screws

Bottom view



A – Case feet
B – Air intake for PSU

Note:
For more information on how to install the intended devices, refer to their respective documents.

4. Installation of a mainboard

1. Open the case by loosening the thumb screws on the case's back side and removing the left side panel. Lay down the case sidewise on an even surface.
2. The mainboard's mounting panel inside the case provides various drillings to fix the stand-offs (fig. 1).

fig. 1

The mainboard contains special screw openings (fig. 2).

fig. 2

Place the mainboard to the mounting panel. A stand-off must be screwed into every drilling of the mounting panel visible through the mainboard's screw openings.

3. Remove the mainboard and screw the stand-offs into the respective drillings of the mounting panel (fig. 3).

(Stand-offs)

fig. 3

4. Press the I/O shield (delivered with the mainboard) into the I/O shield opening in the case's back side.

5. Place the mainboard back onto the stand-offs and screw the mainboard to them (fig. 4).

(Screws for mainboard mounting)

fig. 4

6. Plug the connectors of the case's front bezel to the respective connectors of the mainboard (also refer to your mainboard's manual for further information).

   Note:
   The eSATA cable connected to the front eSATA connection should not exceed 50 cm of length otherwise transmission errors may occur! With premium quality eSATA cables this maximum length may be exceeded.

5. Installation of a PSU

1. Set up the case in front of you and put the PSU from the inside against the PSU bracket on the case's back side (fig. 5).

fig. 5

2. Screw the PSU to the case from the outside (fig. 6).

(Screws for PSU mounting)

fig. 6

6. Installation of a HDD

1. Attach the mounting rails to the HDD from both sides (fig. 7).

Mounting rails for HDDs

fig. 7

2. Slide the HDD with attached mounting rails into the case's HDD cage until they lock (fig. 8).

fig. 8

3. Connect the HDD to the power supply and the mainboard.

Notes:
A maximum of five 3.5" HDDs may be installed into the HDD cage. Further HDDs may be installed to the mounting bays for 5.25" drives at the case's front using e.g. the SHARKOON Vibe-Fixer mounting frames.

If you intend to transport the case we recommend to securing (additionally) the installed HDDs (fig. 9):

Screws for HDD fixation

fig. 9

7. Installation of an optical device

1. Take away the right side panel from the case.
2. Remove the case's front panel by gently dragging it towards you (fig. 10).

fig. 10

3. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 11). Remove the quick fasteners (fig. 12).

fig. 11

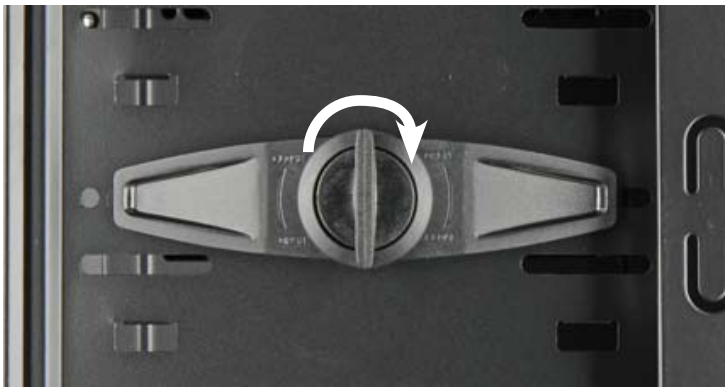


fig. 12

(Carefully take out an optionally present metal bezel covering the 3.5" drive bay by using a gripper.)

4. Slide the optical drive into the case's drive bay (fig. 13).

fig. 13

5. Attach the optical device from both sides using the quick fasteners (fig. 14).

fig. 14

Note:
If you intend to transport the case we recommend securing (additionally) the installed drives:

6. Connect the optical drive to the power supply and the mainboard. (Put the front bezel back onto the case.)

8. Installation of a 3.5" device

(1. Remove the case's front panel by gently dragging it towards you.)
2. Dismantle the 5.25" front bezel from the mounting bay in which you intend to install the drive by loosening its screws and pushing the bezel to the inside (fig. 15). Remove the quick fasteners (fig. 16).

fig. 15

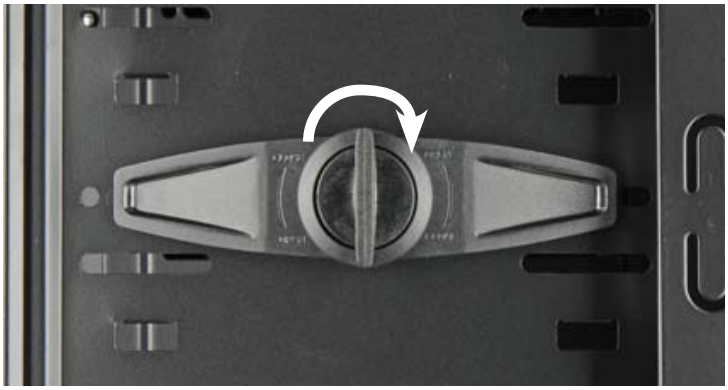


fig. 16

(Carefully take out an optionally present metal bezel covering the drive bay by using a gripper.)

3. Screw the mounting angles to the 3.5" device from both sides (fig. 17).

fig. 17

4. Slide the 3.5" device with attached mounting rails into the case's drive bay (fig. 18) and screw it to the drive bay from both sides (fig. 19).

fig. 18

fig. 19

5. Connect the 3.5" device to the power supply and the mainboard.

6. Screw the 5.25" bezel with 3.5" opening into the front panel (fig. 20) and place it back onto the case.

5.25" bezel with 3.5" opening

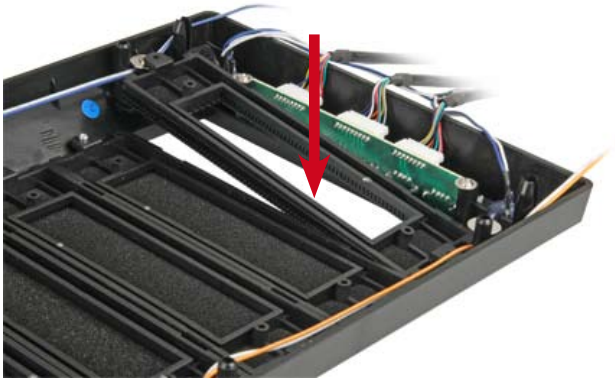


fig. 20

9. Installation of an add-on card

1. Remove the slot bezel's fixation screw and take away the slot bezel (fig. 21).

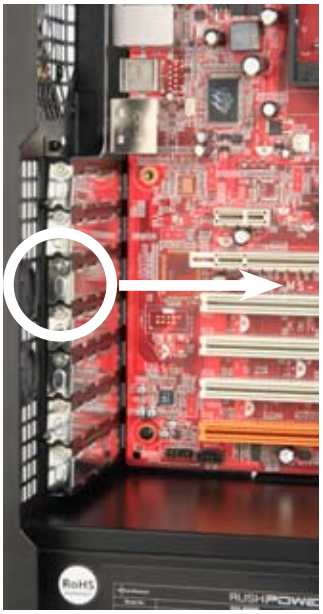


fig. 21

2. Insert the add-on card into the mainboard's respective slot and fix it to the case by re-attaching the fixation screw (fig. 22).

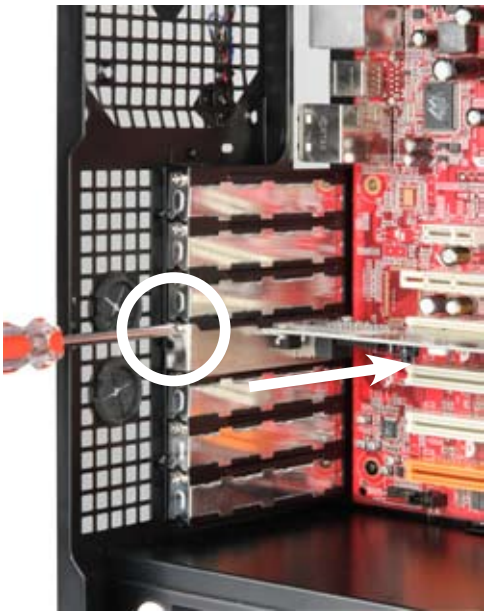


fig. 22

10. The pre-installed fan

1. The pre-installed 120mm front fan provides a 4-pin PSU connector and a 3-pin mainboard plug.
2. Connect one of both plugs to either the respective PSU or (to control the fan speed via the mainboard) the matching mainboard connector.

11. Installation of additional fans / optimized airflow

1. Place the fan against the respective bracket from the inside.

2. Screw the fan to the attachment from the outside.

Note:
While installing fans make sure that (cool) air is taken in on the case's front side/bottom and blown out on its back side/top. The PC components with the highest heat development should be placed directly within the airflow.

12. Using the mounting for 2.5" and 3.5" HDDs/SSDs

1. Place the HDD/SSD into the mounting frame.

2.5" HDD/SSD

3.5" HDD

2. Attach the HDD to the mounting frame from below using screws (fig. 23).

fig. 23

3. Slide the mounting frame into the PC case's HDD cage until the mounting frame's detents lock (fig. 24).

fig. 24

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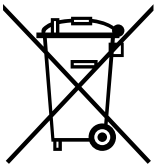

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Please be informed about the local separate collection system for electrical and electronic products.
Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences to the environment and human health.

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